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Attorneys: Daniels & Aulman, LLP
Appl. No: 10/537,960
Reply to Notification of Missing Requirements
Attorney Docket No.: 052874
Replacement Sheet
Westerman, Hattori, Daniels & Aulman, LLP

10/537960

Fig.1

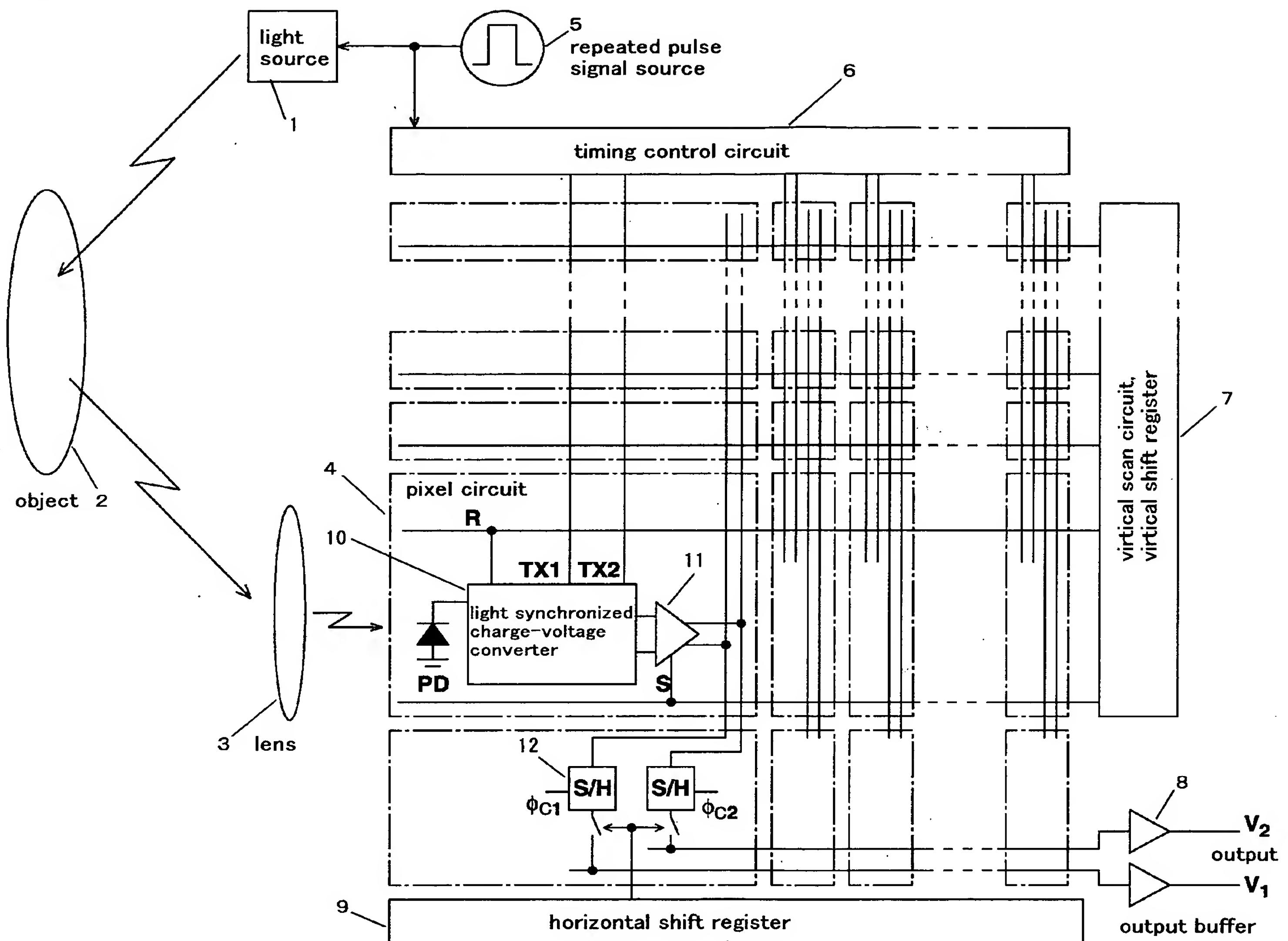


Fig.2

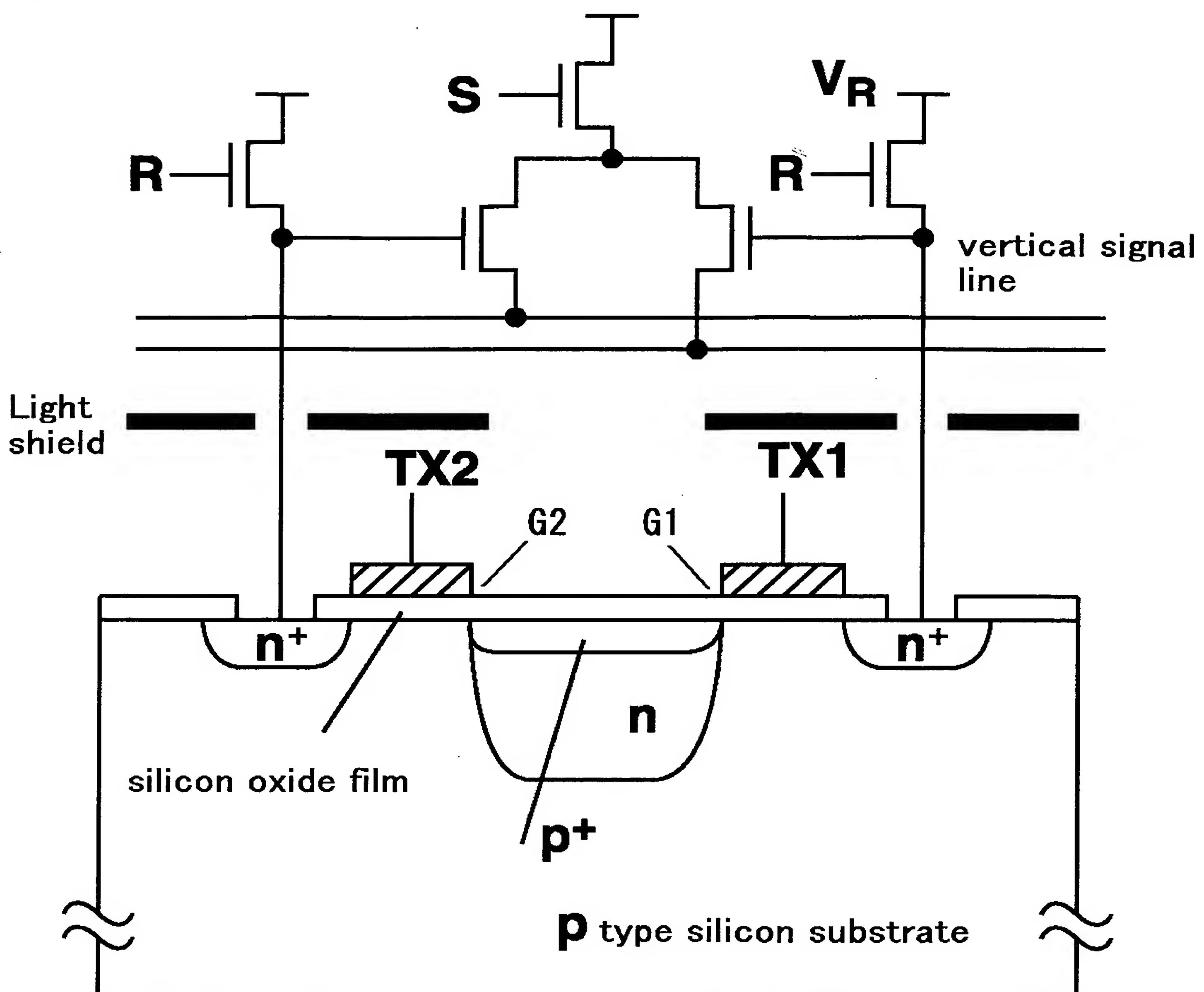
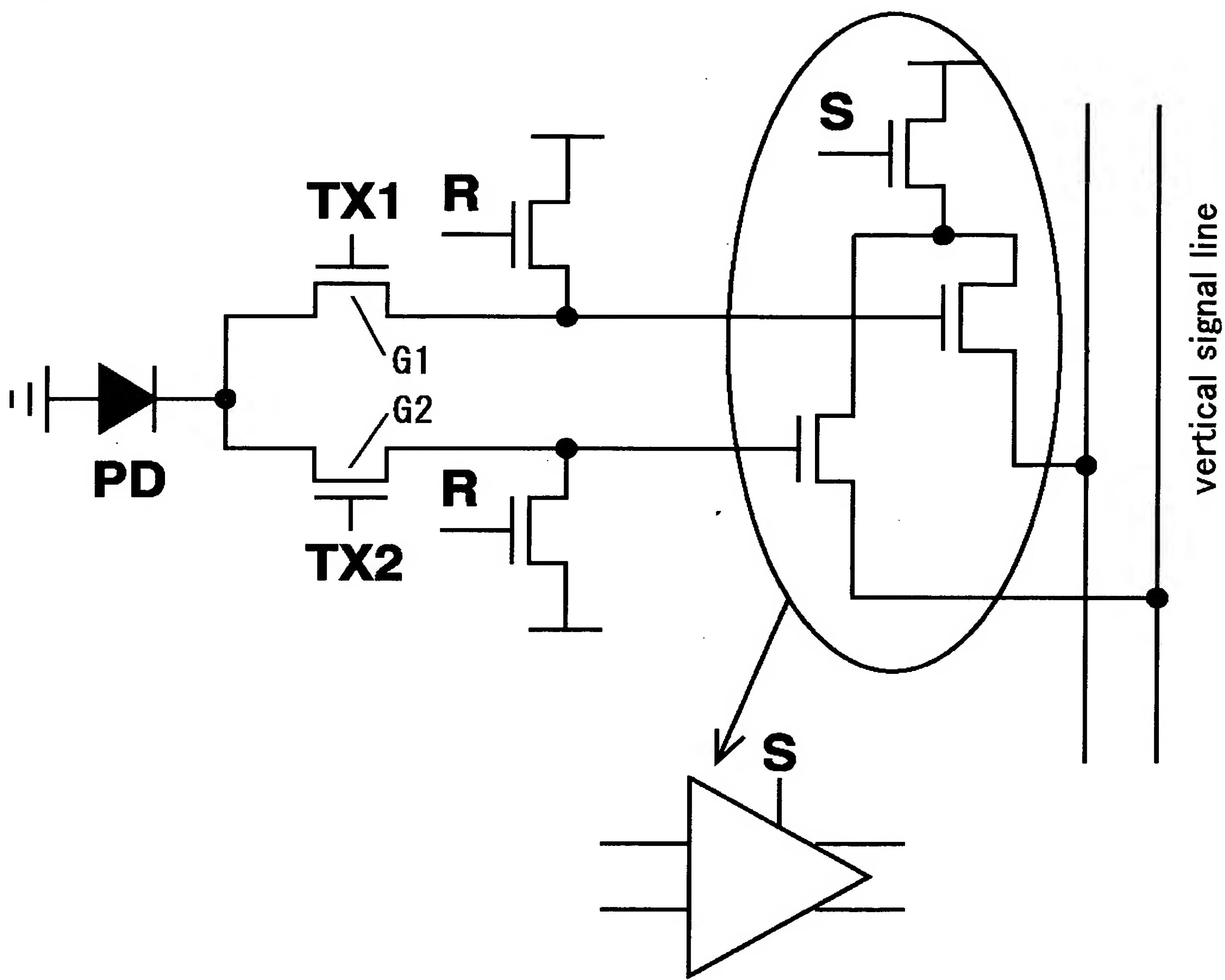


Fig.3



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Fig.4

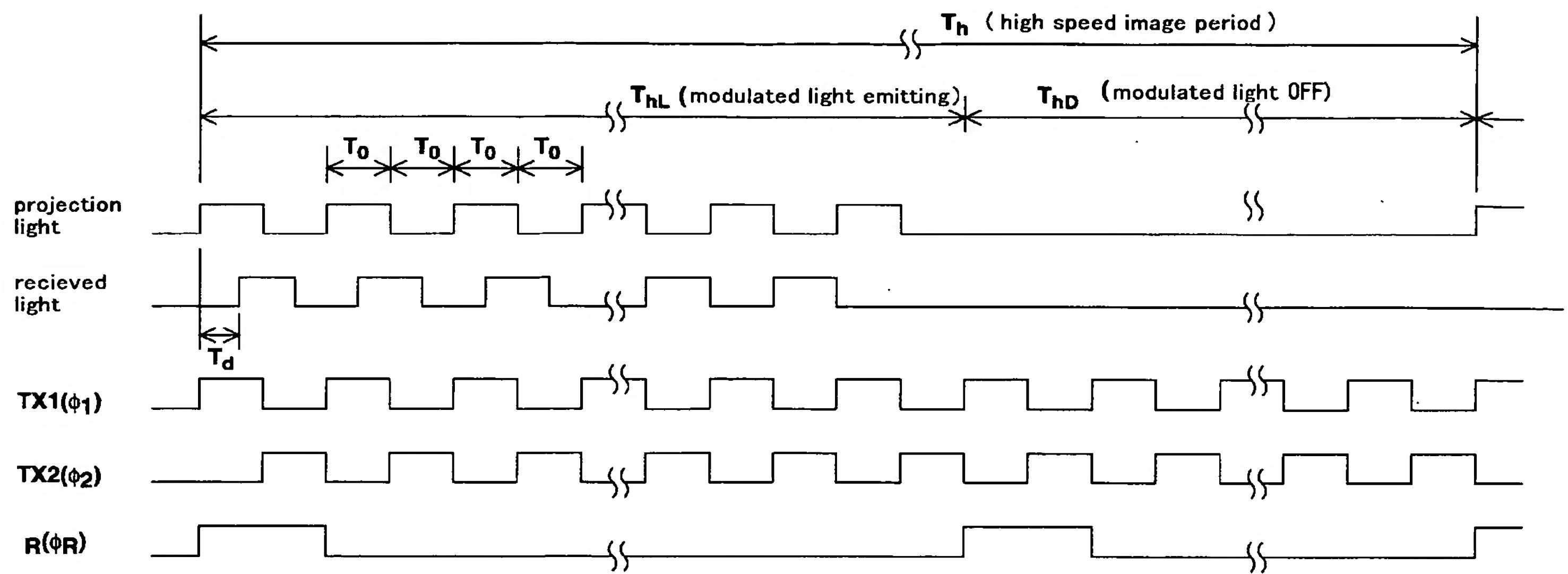
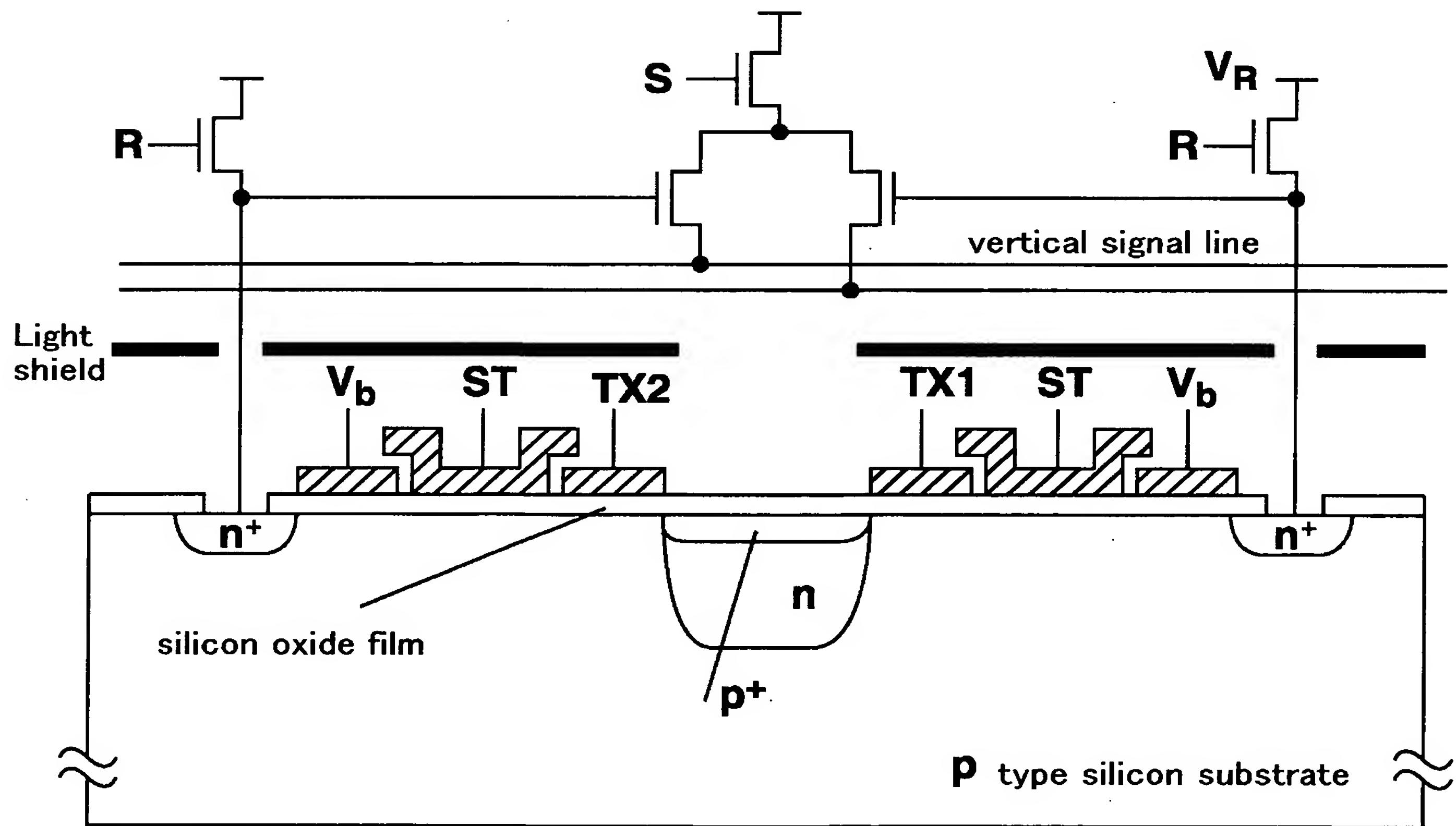
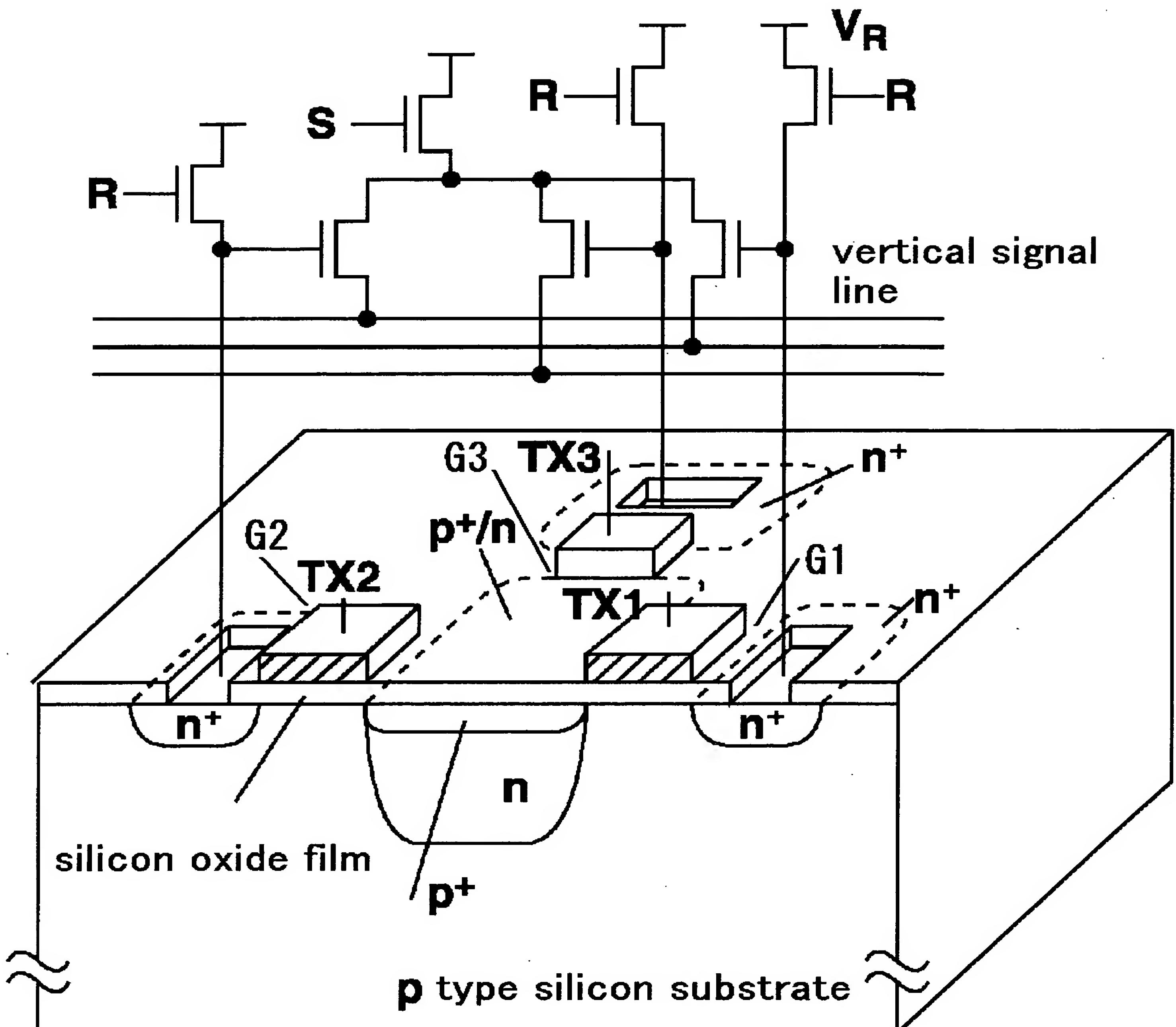


Fig.5



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Fig.6



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Fig.7

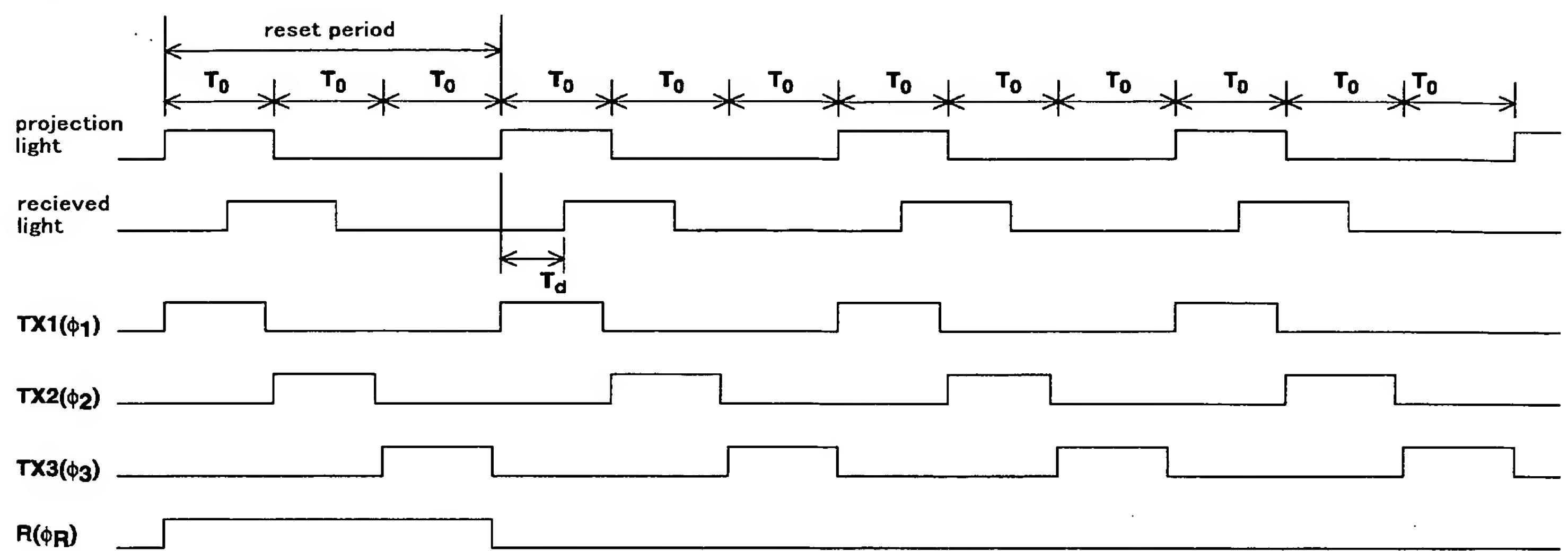


Fig.8

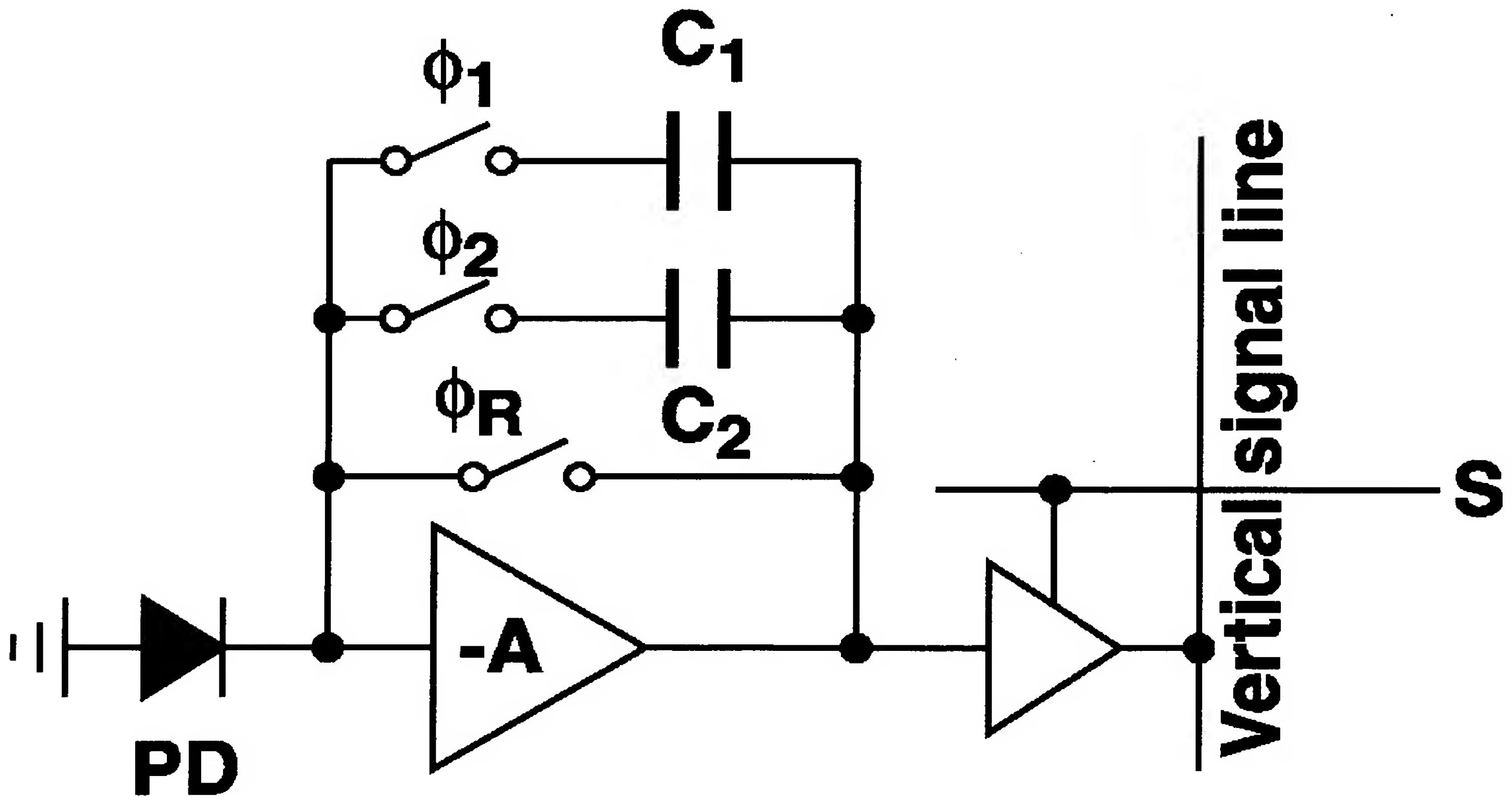
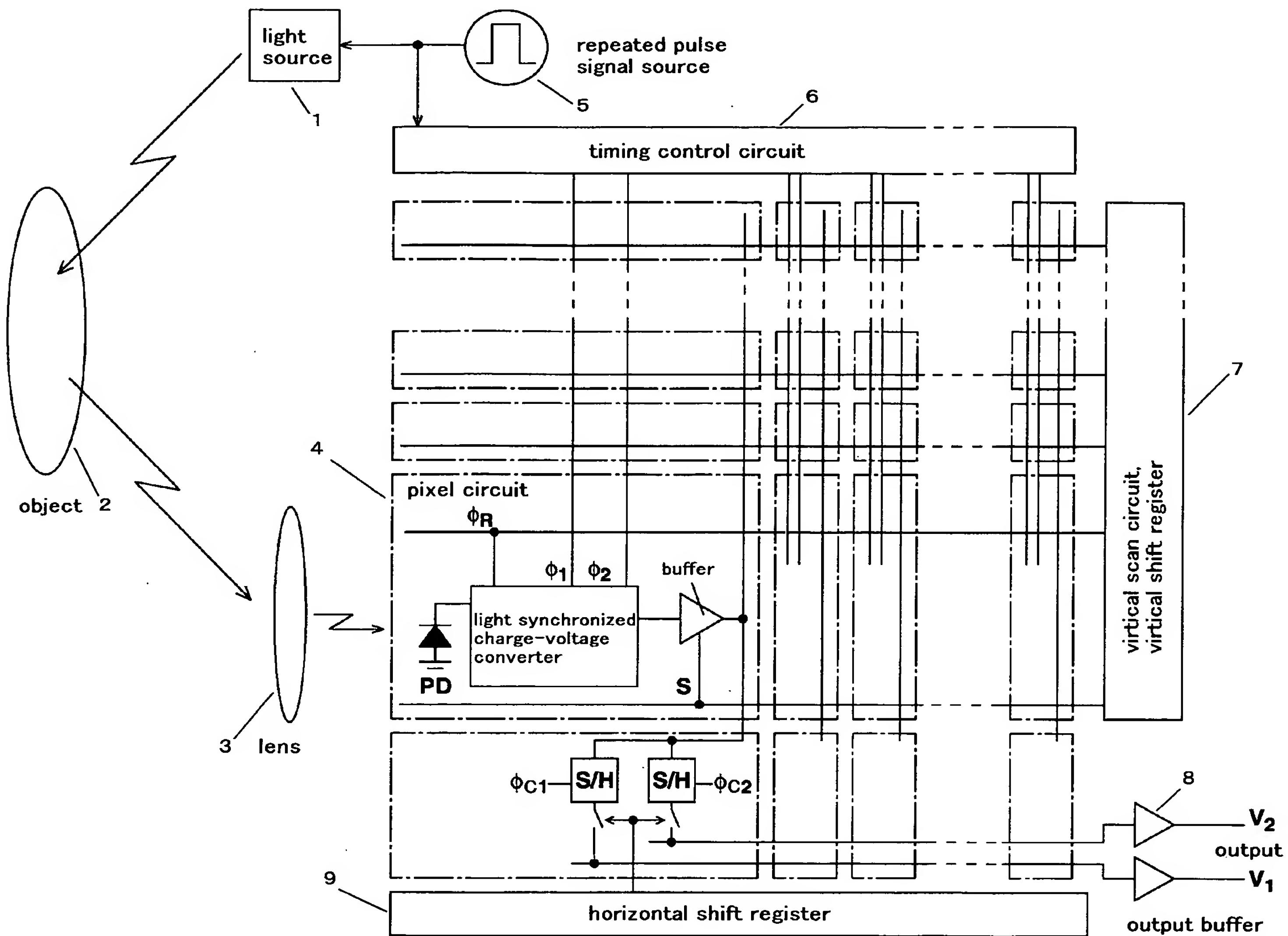
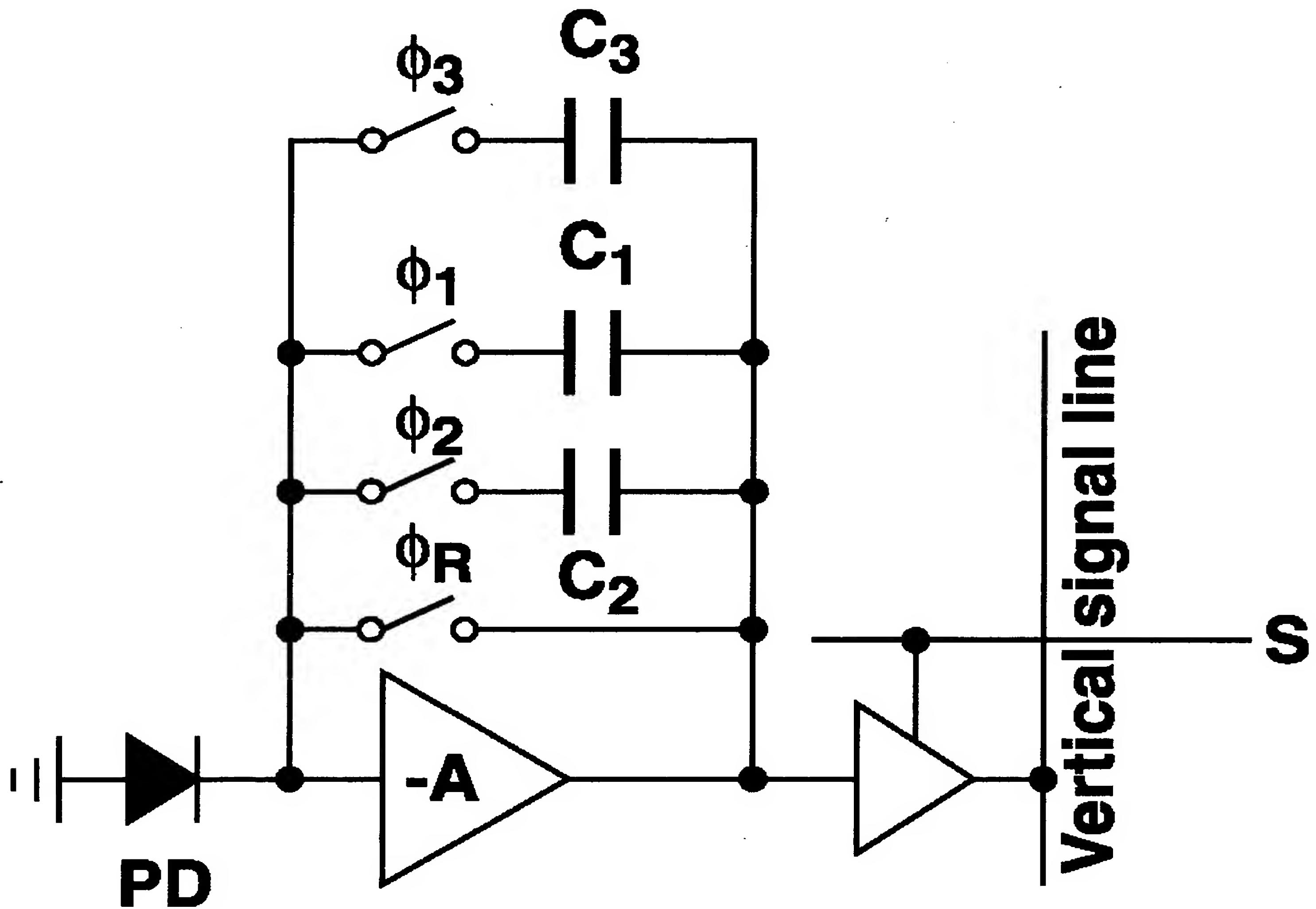


Fig.9



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Fig.10



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Fig. 11

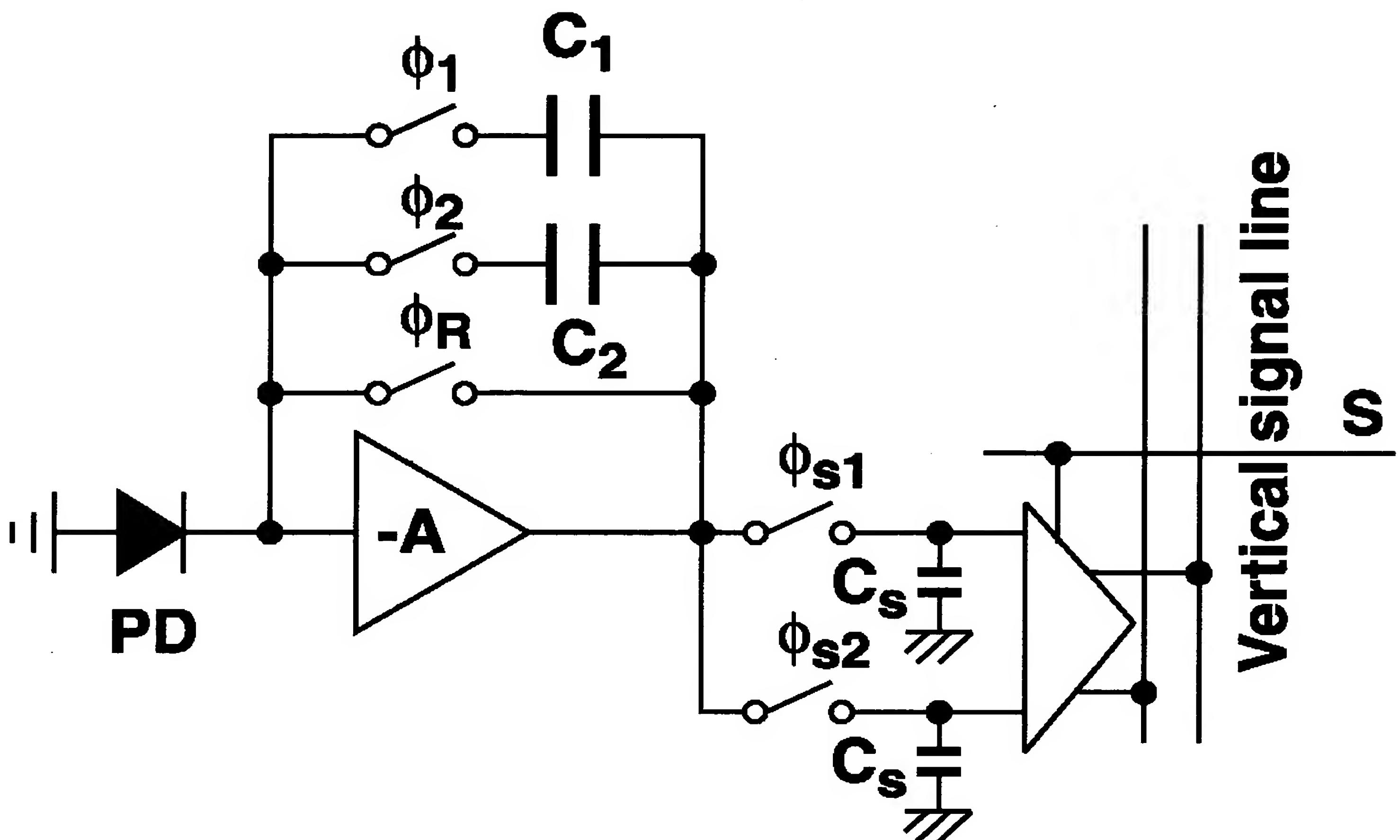


Fig.12

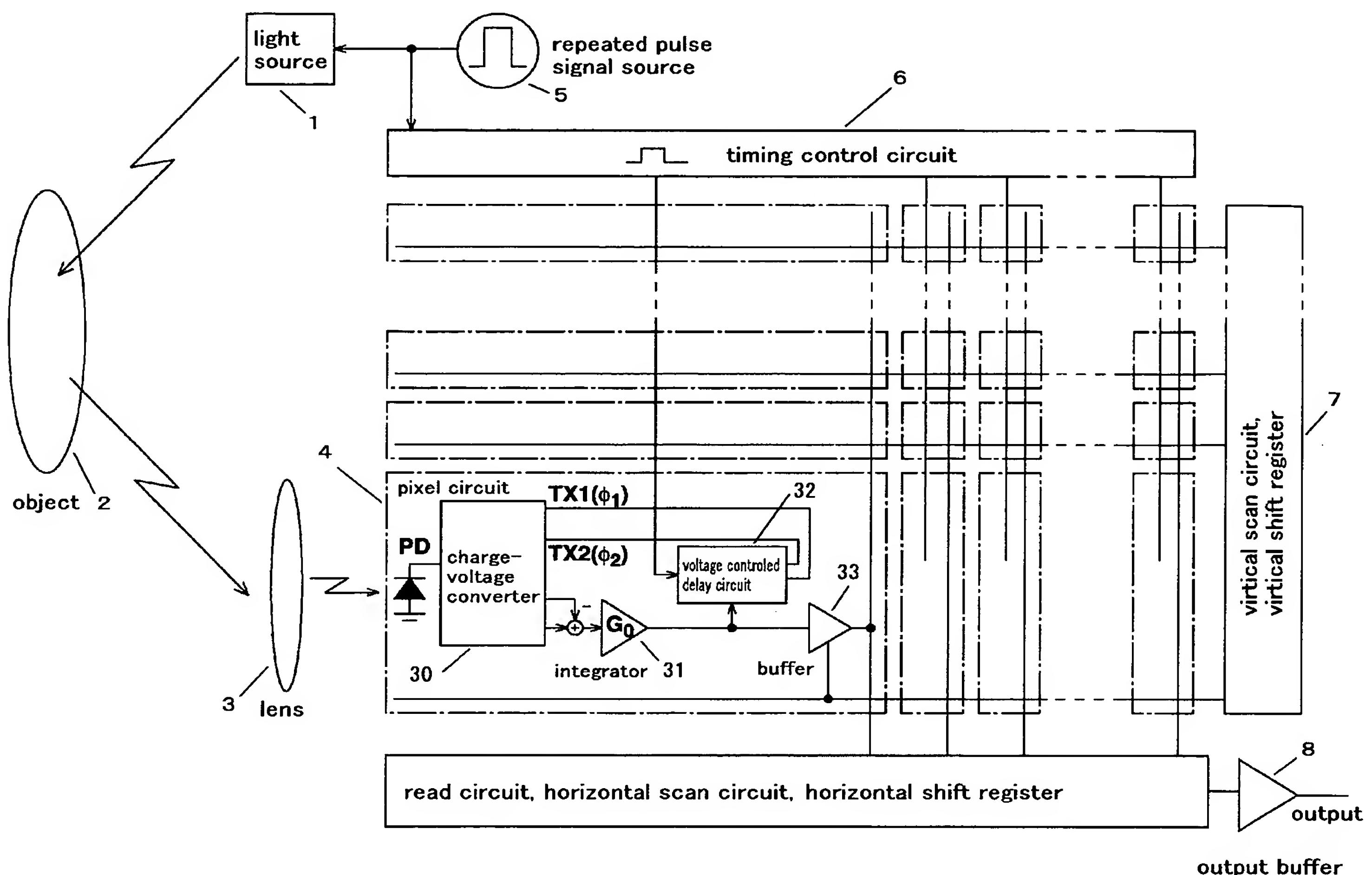


Fig.13

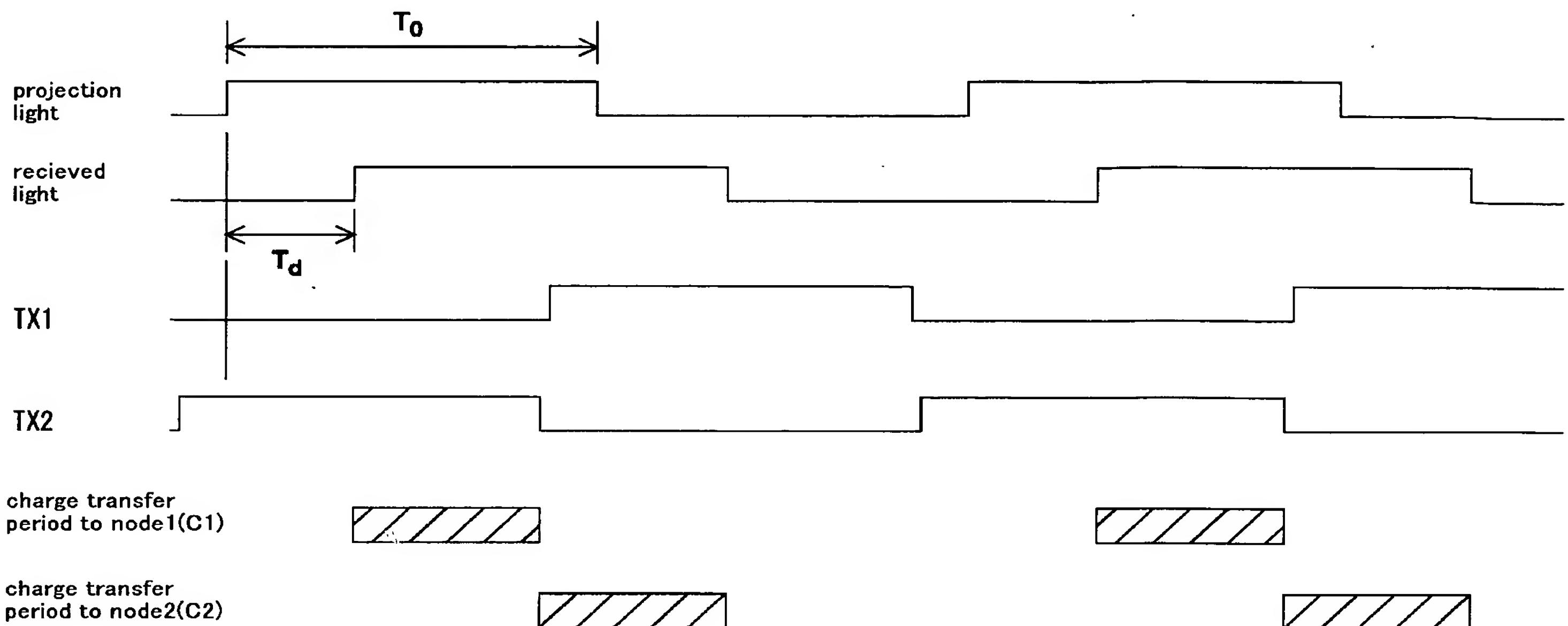
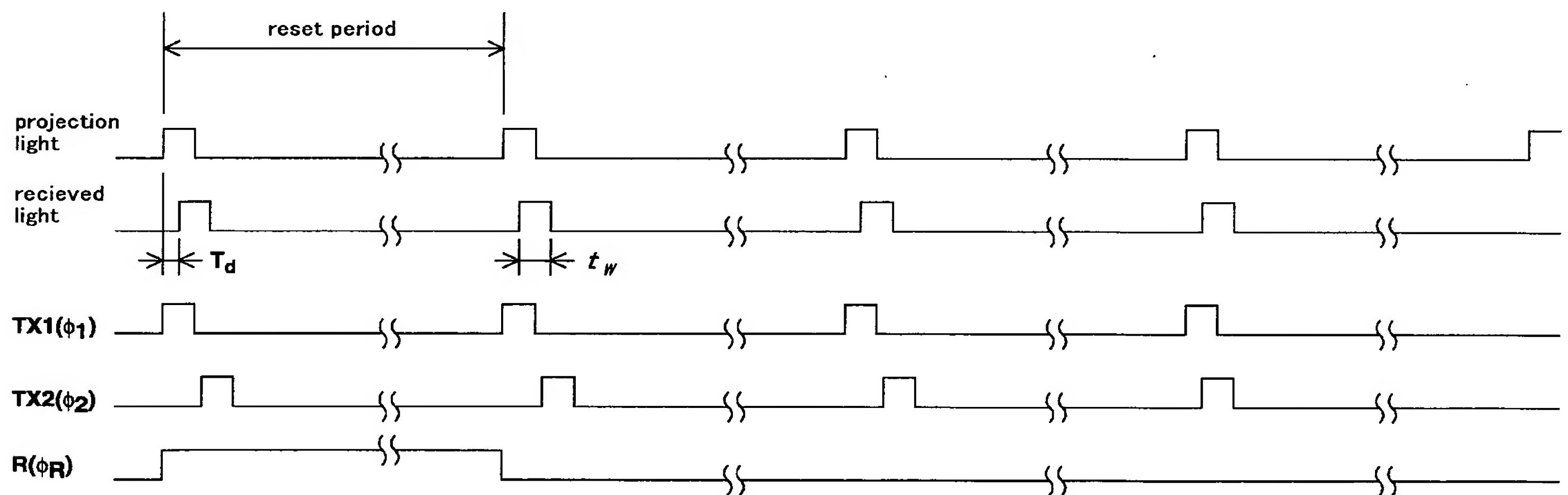


Fig.14



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Fig.15

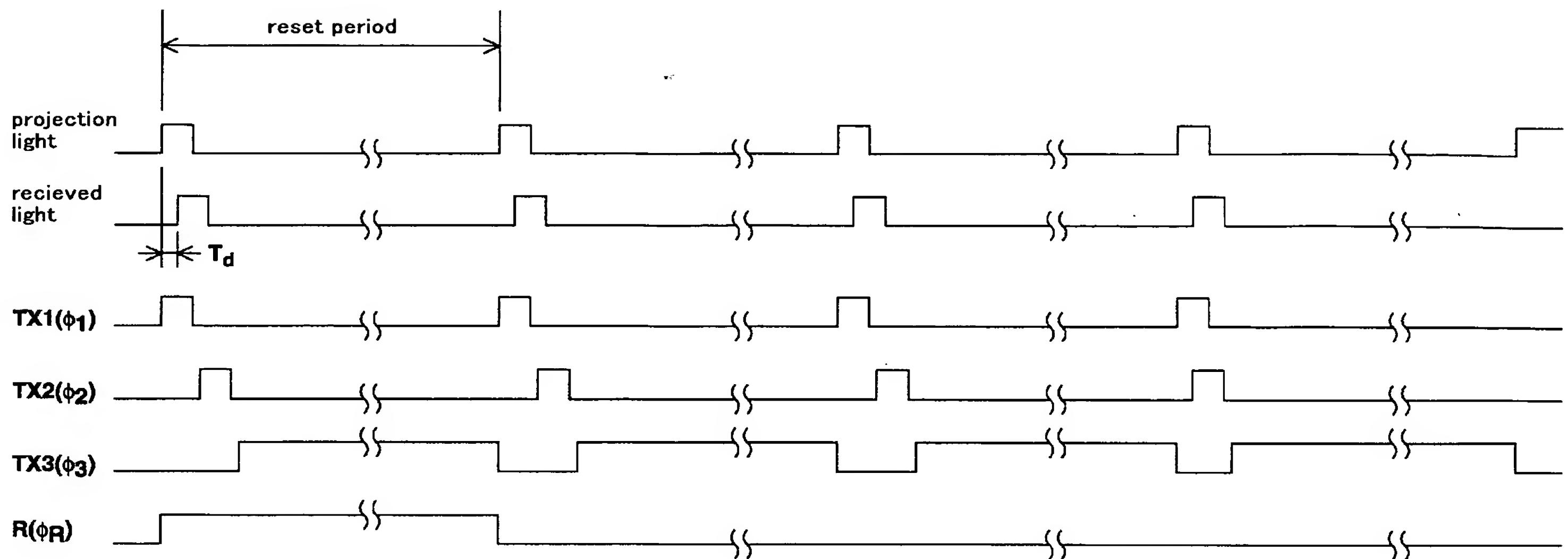
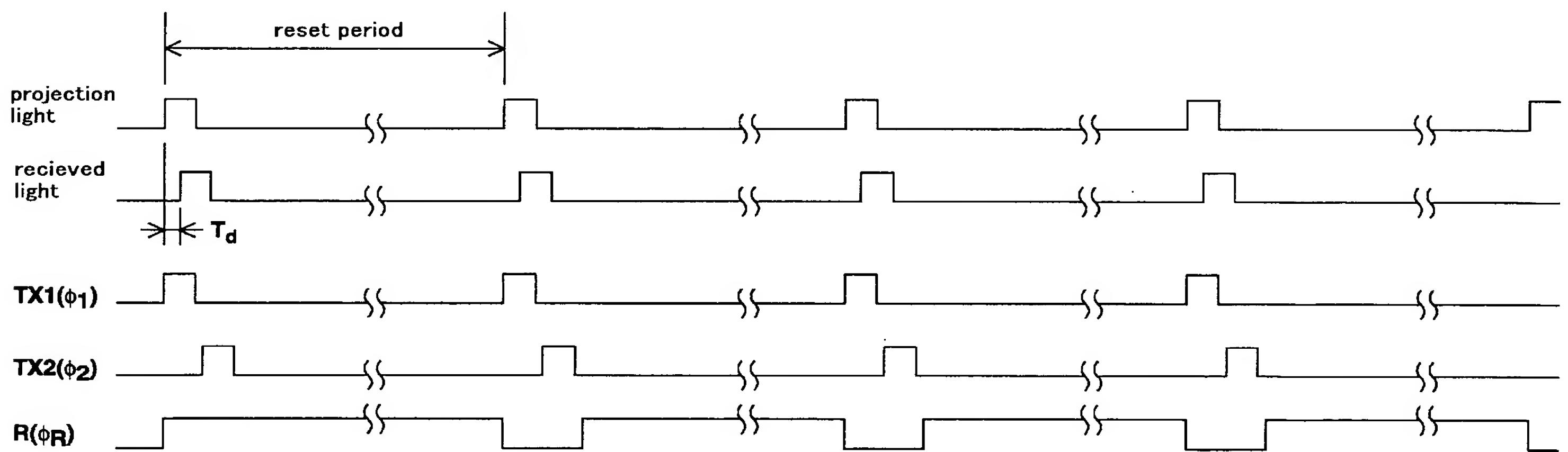
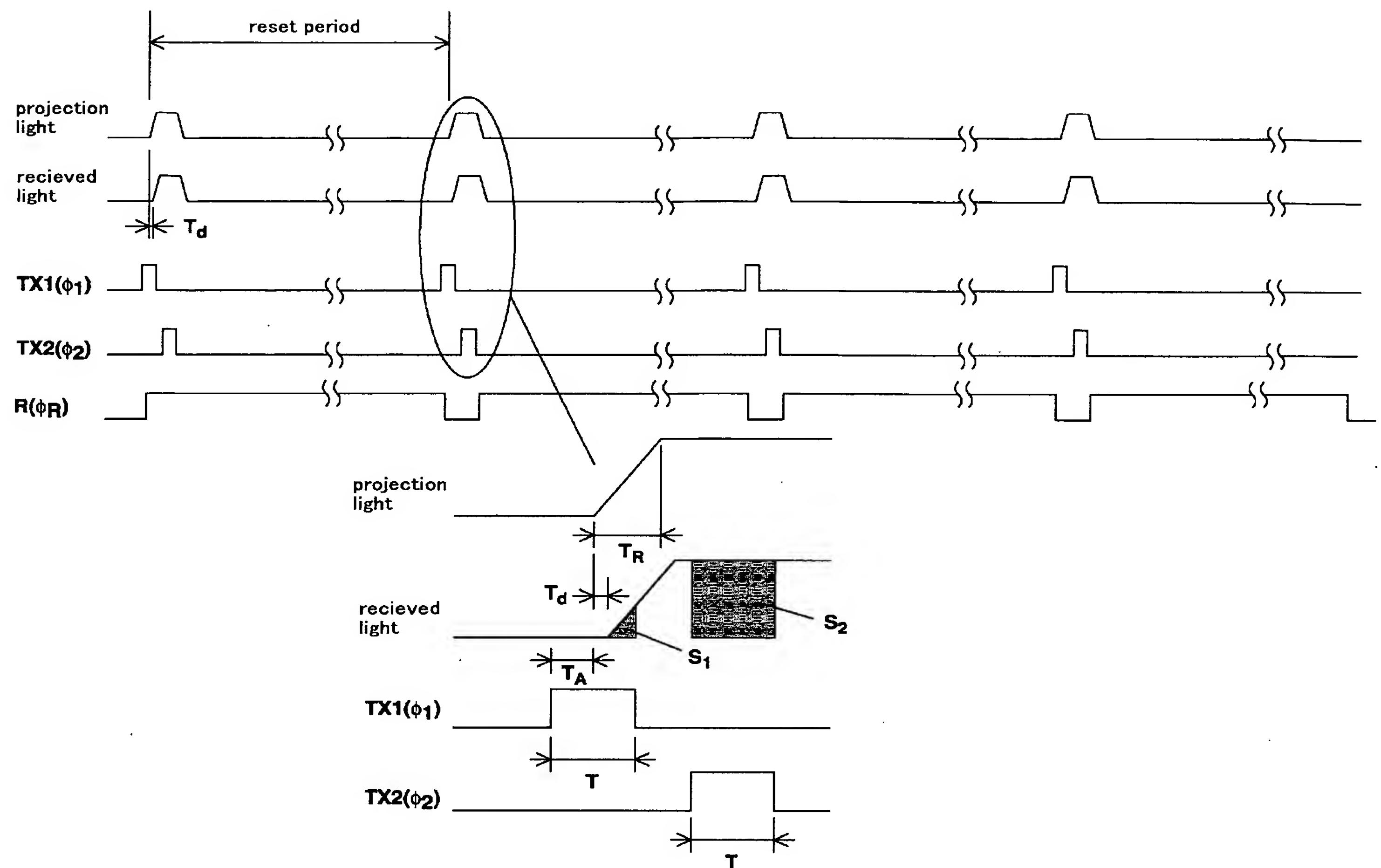


Fig.16



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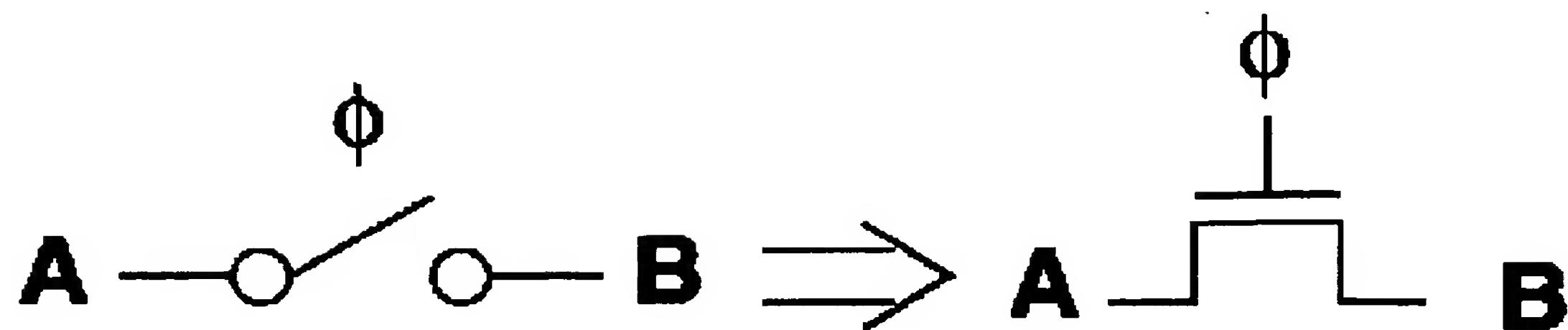
Fig.17



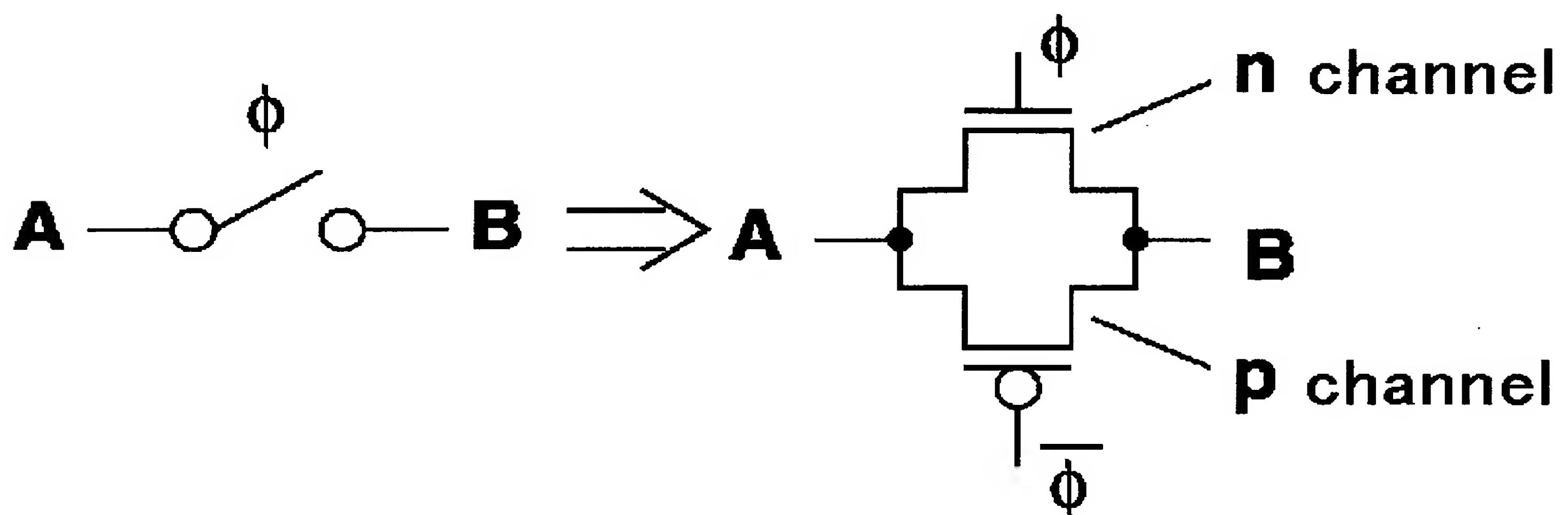
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Fig.18

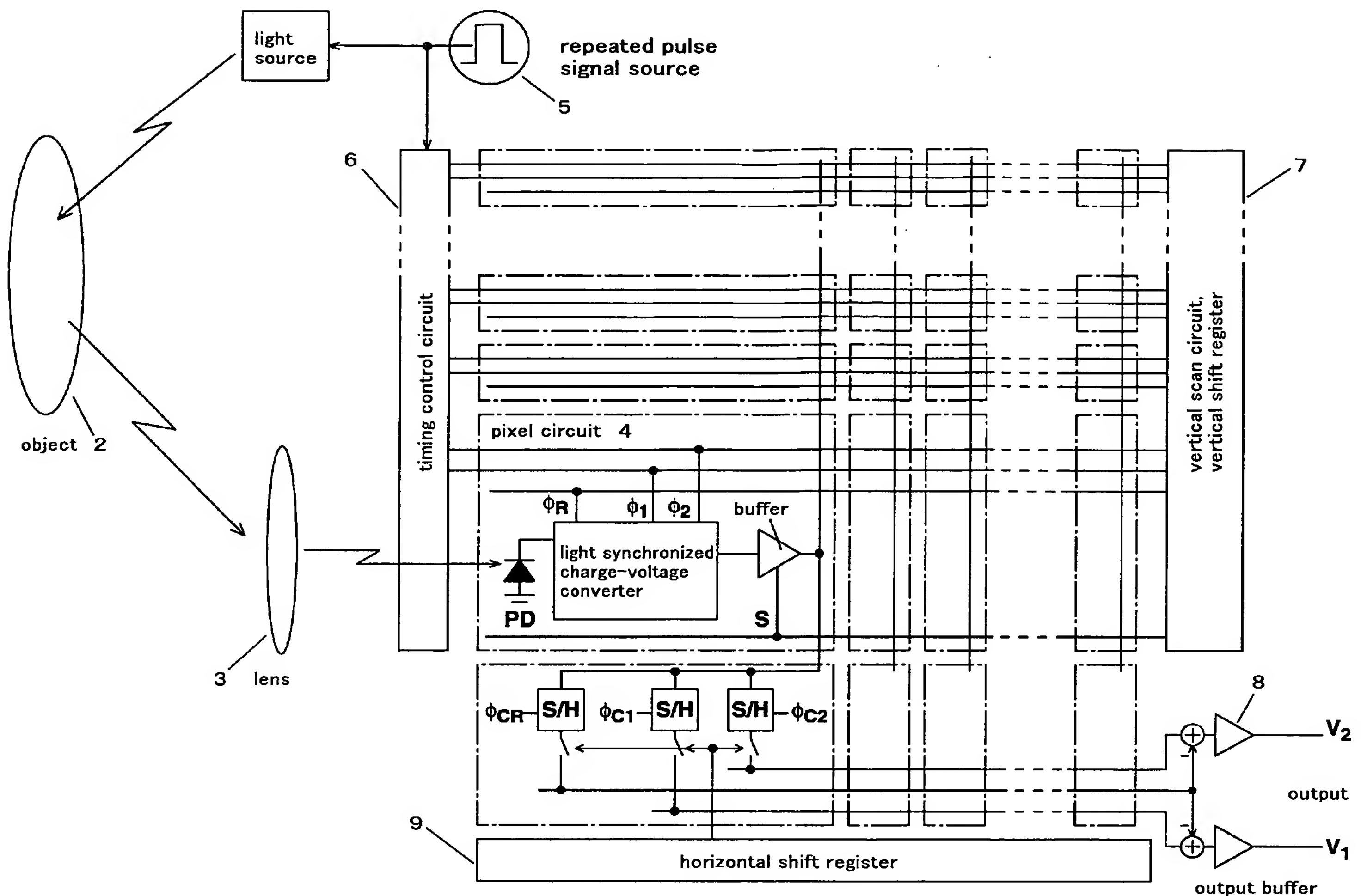


(a) n channel MOS transistor



(b) CMOS type switch

Fig.19



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Table 1

Delay time measurement resolution	Measurement distance resolution
10 μ s	1.5 km
1 μ s	150 m
100 ns	15 m
10 ns	1.5 m
1 ns	1.5 cm
100 ps	1.5 cm
10 ps	1.5 mm
1 ps	0.15 mm

Table 1 Relationship between delay time measurement resolution and distance resolution based on the TOF method